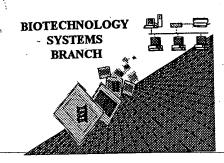
## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/151,409

Art Unit / Team No. :

1645

Date Processed by STIC:

1/29/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

# Raw Sequence Listing Error Summary

### ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/15/,409

		MAILOU MEDE INSERTED BY DTO SOFTWARE
ATTN	NEW RULES CASES: P	LEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
1	Wrapped Nucleics	The number lext at the end of each line Wrapped down to the flext line.
·		This may occur if your file was retrieved in a word processor after creating it.
		Please adjust your right margin to .3, as this will prevent "wrapping".
		The amino acid number/text at the end of each line "wrapped" down to the next line.
2	Wrapped Aminos	This may occur if your file was retrieved in a word processor after creating it.
		This may occur if your life was retrieved in a word process "wrapping".
		Please adjust your right margin to .3, as this will prevent "wrapping".
_	Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.
3	Incorrect Line Length	All text must be visible on page.
4	Misalioned Amino Acid .	. The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
<b>'</b>	Numbering	between the numbering. It is recommended to delete any tabs and uses spacing between the numbers.
•	-	
5	Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
		Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
		Sequence(s) contain n's or Xaa's which represented more than one residue.
6	Variable Length	Sequence(s) contain it s of Aaa shifted represent a single residue.
	1	As per the rules, each n or Xaa can only represent a single residue.  Please present the maximum number of each residue having variable length and
		Please present the maximum number of each resident maximum number of each resident
		indicate in the (ix) features section that some may be missing.
_	W Designation	Sequence(s) contain amino acid or nucleic acid designators which are not standard
7	Wrong Designation	representations as per the Sequence Rules (Please refer to paragraph 1.822)
	01140	Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
8	Skipped Sequences	
	(OLD RULES)	(2) INFORMATION FOR SEQ ID NO.X.  (I) SEQUENCE CHARACTERISTICS: (Do not insert any headings under "SEQUENCE CHARACTERISTICS")
		(i) SEQUENCE CHARACTERISTICS (I) NO.Y.
		(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
		This sequence is intentionally skipped
		Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
9 _	Skipped Sequences	Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
• ——	(NEW RULES)	<210> sequence id number
	(HETT NOCES)	<100> sequence Id number
		000
	Use of N's or Xaa's	Use of N's and/or Xaa's have been detected in the Sequence Listing.
·•	(NEW RULES)	Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
	(NEW ROCES)	030 01 1220 10 1230 10
11	Use of <213>Organism	Sequence(s) are missing this mandatory field or its response.
	(NEW RULES)	- 1/
- 1		/6
كنــ 2	Use of <220>Feature	Sequence(s) are missing the <220>Feature and associated headings.
_ •	(NEW RULES)	Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
		(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)
		(Sec. 1.823 of new Sequence Rules)
	_	the Old Sequence Rules This is invalid since the
3	Wrong Format	File submitted was in the alphabetical heading format of the Old Sequence Rules. This is invalid since the
2	•	*Paguirements for Patent Applications Containing Nucleotics Sequence street, and street, a
		Federal Register Notice, Vol. 63, No. 104, June 1, 1990, p. 1990
		analise to applications filed on or after July 1, 1998.
		AKS-Biotechnology Systems Branch- 7/10/98

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/151,409 DATE: 01/29/1999 TIME: 15:44:28

Input Set: I151409.RAW

### This Raw Listing contains the General Information Section and up to first 5 pages.

Does Not Comply Corrected Diskette Needed

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    <130> FILE REFERENCE: 481112.410
3
    <140> CURRENT APPLICATION NUMBER: US/09/151,409
4
    <141> CURRENT FILING DATE: 1998-09-10
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6
    <151> EARLIER FILING DATE: 1997-09-12
7
    <160> NUMBER OF SEQ ID NOS: 16
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     <170> SOFTWARE: PatentIn Ver. 2.0
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16
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/151,409

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76		Synthesis Pilmer, hybridizes of their	
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/151,409

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Input Set: I151409.RAW

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#### RAW SEQUENCE LISTING PATENT APPLICATION US/09/151,409

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145	<223>	OTHER	INF	ORM	OITA	N: D	escr	ipti	on o	E Ar	tifi	cial	Seq	ienc	e: :	Prod	uct o	I
146		Synthe	sis	s	Pri	mer,	hyb	ridi	zes	to s	trep	ptoc	occa.	T				
147		type 2	4 M	n pro	otei	n DN	A											
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149		999999	jaaç	gc t	ttta	ctta	c gt	gcct	ctaa	ttc								33
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156		fusion	n ae	ene	sequ	ence	con	ıstru	icted	iro	m							
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164		Ala C	ys :	Met	Val	Ala	Thr	Arg	Ser	Gln	Thr	Asp	Thr	Leu	GIU	гÀг	vaı	
165		1				5					10					15	a++:	96
166		caa g	aa	cgt	gct	gac	aag	ttt	gag	ata	gaa	aac	aat	acg	tta	aaa	TON	90
167		Gln G	lu .	Arg	Ala	Asp	Lys	Phe	Glu	Ile	Glu	Asn	Asn	Thr	ьeu	гуя	цец	
168					20					25					30	+	22t	144
169		aag a	at	agt	gac	tta	agt	ttt	aat	aat	aaa	gcg	tta	aaa	gat	Cat	Aar Aan	7.7.7
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171				35					40					45		aa+	aas	192
172		gat g	ag	tta	act	gaa	gag	ttg	agt	aat	gct	aaa	gag	aaa	CLA	Ara	gga Glw	172
173		Asp G	lu	Leu	Thr	Glu	Glu		Ser	Asn	Ala	Lys	GIU	ьys	ьец	Arg	GIY	
174			50					55					60		~~~	222	a a a	240
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176		Ser A	la	Val	Thr	Arg			Ile	Asn	Asp	Pro	GIN	Arg	Ala	пур	80	
177		65					70					75			20+	224		288
178		gct c	tt	gac	aag	tat	gag	cta	gaa	aac	cat	gac	tta	aaa	mbr.	Tue	aac	200
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180						85		-			90			~~~	22+	_	aaa	336
181		gaa g	199	tta	aaa	act	gag	aat	gaa	ggg	tta	aaa	mb	gag	Acr	Glu	G] v	550
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183					100					105		~	~+ ~	<b>~~</b>		ata	+++	384
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186				115					120			~~~	~~~		ctt	ctt	aac	432
187		cct a	agg	ggg	acg	gta	gaa	aac	ccg	gac	aaa	gca.	cya v~~	yaa Glu	T.011	Len	Agn	
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189		1	L30					135		<u>.</u>		~~+	140	22t	a a a	aam	tta	480
190		aag t	at	gac	gta	gag	aac	tct	atg	tta	caa	. gct	aat Ner	Aat	yac Aen	Tare	T.e.11	
191		Lys 1	ľyr	Asp	Val	Glu			Met	ьeu	GTD	ALA	ASI	ASII	vah	. Lys	160	
192		145					150					155		an t	220	cta		528
193		cca t	tgg	aga	gtg	cgt	tat	. act	agg	cat	acg	cca	yaa	yat n-	Luc	T.211	Tive	
194		Pro 7	rp	Arg	· Val	. Arg	Tyr	Thr	Arg	HIS	Thr	Pro	GIU	Asp	пув	. Heu	Lys	

RAW SEQUENCE LISTING PAGE:

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Input Set: I151409.RAW

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VERIFICATION SUMMARY

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Input Set: I151409.RAW

Line ? Error/Warning 

Original Text